

Shahbazian, Max@Waterboards

From: Shahbazian, Max@Waterboards
Sent: Tuesday, April 01, 2014 11:53 AM
To: 'Mora, Rebecca'
Cc: Melanie Morash (Morash.Melanie@epamail.epa.gov)
(Morash.Melanie@epamail.epa.gov); Sullivan, Amy (CO); Kwan, Joseph P (CO)
Subject: RE: Path Forward for TRW Microwave Site, Sunnyvale, CA

Hi Rebecca,

I agree with the general steps that you have proposed for implementing the path forward for the subject site.

Thank you,

Max Shahbazian, P.G.

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From: Mora, Rebecca [<mailto:Rebecca.Mora@aecom.com>]
Sent: Monday, March 31, 2014 4:43 PM
To: Shahbazian, Max@Waterboards
Cc: Melanie Morash (Morash.Melanie@epamail.epa.gov) (Morash.Melanie@epamail.epa.gov); Sullivan, Amy (CO); Kwan, Joseph P (CO)
Subject: Path Forward for TRW Microwave Site, Sunnyvale, CA

Hello Max,

Per our 3/18/14 telephone conversation, below is a summary of our agreed-upon path forward for the Former TRW Microwave Site in Sunnyvale, CA. The steps below are generally listed in chronological order.

1. Preparation of a Work Plan for Source Removal: AECOM/Northrop Grumman will prepare a Work Plan for excavation of the on-site source area, located underneath the building. Monitoring data have shown that high concentrations of site contaminants are highly localized in the vicinity of the source area/Eductor pit. It is expected that the excavation will be the final active remedial measure for the on-site source area.
2. Preparation of a Vapor Intrusion (VI) Mitigation Plan: It is our understanding that the requirement for this document will be communicated soon via a letter from the Water Board. Anticipated VI mitigation tasks to be included (which were listed as recommendations in the February 2014 VI Evaluation Report) are 1) removal of VI conduits inside the building (e.g., abandonment of monitoring wells inside the building), 2) installation and O&M of an HVAC system, and 3) additional indoor air sampling following installation of the HVAC system (e.g., initial sampling event following HVAC installation followed by additional events as supported by the data).
3. Implementation of Source Removal: This will occur upon Water Board approval of the aforementioned Work Plan for Source Removal. Concurrent with excavation activities, monitoring wells inside the building will be abandoned, as mentioned above. Following these activities, it is expected that building construction will be completed and an HVAC system will be installed by the property owner.

4. **Collection of Post-HVAC Installation Indoor Air Samples:** A post-HVAC installation indoor air sampling event will be performed after HVAC installation and before building occupancy, with sampling event details specified in the aforementioned VI Mitigation Plan. Data from this event will be used to update the VI risk for the building. Additional indoor air sampling events will be performed as required by the Water Board and USEPA.
5. **Revision of the Focused Feasibility Study Document:** Following source removal activities and post-HVAC installation indoor air sampling, the 2011 Draft Focused Feasibility Study document for the site will be revised to reflect new site conditions (i.e., post source area excavation), updated VI risk, and a revised path forward to achieve site closure.

Please let me know if you have any comments on the above as we plan to proceed with implementing this path forward for the site.

Thank you,

Rebecca

Rebecca Mora

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